

--
CROSS REFERENCE

This is a divisional application of the co-pending U.S. Patent Application Serial No. 09/676,813 filed on October 2, 2000. -

In the Claims:

Please cancel claims 1-27 and 32-34 without any disclaimer and a prejudice to and add the following claims.

Listing of claims is as follows:

1-27. (Cancelled)

28. (Original) A thin film transistor array panel, comprising:
a plurality of pixels defined by gate lines and data lines; and
a plurality of thin film transistor and pixel electrodes formed at the pixel and electrically connected to the gate lines and the data lines,
wherein a semiconductor layers of the thin film transistors have a double-layered structure including amorphous silicon layers, which have different, band gaps.

29. (Original) The thin film transistor array panel of claim 28, wherein the semiconductor layers include a first amorphous silicon layer and a second amorphous silicon layer formed on the first amorphous silicon layer, wherein the band gap of the second amorphous silicon layer is lower than that of the first amorphous silicon layer.

30. (Original) A thin film transistor array panel, comprising:
a plurality of pixels defined by gate lines and data lines; and
a plurality of thin film transistor and pixel electrodes formed at the pixel and electrically connected to the gate lines and the data lines,
wherein a gate insulating layer that is one element of the thin film transistor have a double-layered structure including a lower insulating layer and an upper insulating layer.


31. (Original) The thin film transistor array panel of claim 30, wherein the lower insulating layer and the upper insulating layers are made of organic insulating material, amorphous silicon nitride, or amorphous silicon oxide.

32-35 (Cancelled)

Conclusion

It is respectfully requested that this amendment be entered prior to the examination of the above-referenced patent application. It is believed that no new matter is added by this amendment. By this amendment, claims 28-31 are pending, among which claim 28 is an independent claim. If the Examiner desires any additional information, the Examiner is invited to contact applicants' attorney at the telephone number listed below to expedite prosecution.

Respectfully submitted,


Hae-Chan Park
Registration No. 50,114

Date: September 12, 2003

McGUIREWOODS, LLP
1750 Tysons Boulevard
Suite 1800
McLean, VA 22102-4215
(703) 712-5365 (Direct Phone)
(703) 712-5280 (Direct Fax)